

Please type a plus sign (+) inside this box → ☒

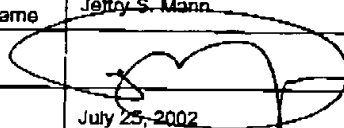
PTO/SB/21 (08-00)

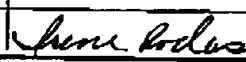
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/587,118
	Filing Date	June 2, 2000
	First Named Inventor	Quay, Steven C.
	Group Art Unit	1627
	Examiner Name	Small, Andrea D.
Total Number of Pages In This Submission	Attorney Docket Number	018072-000600US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
Applicants petition the Assistant Commissioner to extend the time for response for five months. A Fee Transmittal authorizing the payment of the extension fee is attached in triplicate.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm and Individual name	Townsend and Townsend and Crew LLP Jeffrey S. Mann Reg. No. 42,837
Signature	
Date	July 25, 2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being sent via facsimile to the USPTO to Examiner Small on this date:	
July 25, 2002	
Typed or printed name	Irene Rodas
Signature	
Date	July 25, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. SF 1367926 v1

PTO/SB/17 (09-00)
Approved for use through 10/31/2002. OMB 0851-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number 09/587,116
Filing Date June 2, 2000
First Named Inventor Quay, Steven C.
Examiner Name Ponnatur, P.
Group Art Unit 1627
Attorney Docket No. 018072-000600US

TOTAL AMOUNT OF PAYMENT (\$)

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crow LLP

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
☒ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
27	-108**	X	
3	-11**	X	
Multiple Dependent		X	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,980	228	980	Extension for reply within fifth month	980
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	260	221	140	Request for oral hearing	
136	1,510	136	1,510	Petition to Institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Sheet	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$980)

SUBMITTED BY

Name (Print/Type)	Registration No. (Attorney/Agent)	Telephone	Date
Jerry S. Mann	42,837	415-578-0200	July 25, 2002
Signature			

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08/20/2002 WILLARI 00000001 201430 09587116

100 CH

Atty Docket No. 018072-000600US

PTO FAX NO.: (703) 872-9306

ATTENTION: Examiner Andrea D. Small
TELEPHONE NO.: (703) 305-0811

Group Art Unit 1627

OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER ANDREA D. SMALL

FAX 10/11/02

JUL 26 2002

GROUP 1627

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following document(s) in re Application of Steven C. Quay, Application No. 09/587,116, filed June 2, 2000 for PRODUCTION AND USE OF DERIVATIZED HOMOSERINE LACTONES is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Transmittal;
2. Fee Transmittal;
3. Amendment

Number of pages being transmitted, including this page:

Dated: July 25, 2002


Irene Rodas

**PLEASE CONFIRM RECEIPT OF THIS PAPER BY
RETURN FACSIMILE AT (415) 576-0300**

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834
Telephone: 415-576-0200
Fax: 415-576-0300

SP 1367896 v1

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PATENT
Attorney Docket No.: 018072-000600US
Client Ref. No.:

TOWNSEND and TOWNSEND and CREW LLP

By: James Rodas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Steven C. Quay

Application No.: 09/587,116

Filed: June 2, 2000

For: PRODUCTION AND USE OF
DERIVATIZED HOMOSERINE
LACTONES

Examiner: Small, Andrea D.

Art Unit: 1627

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

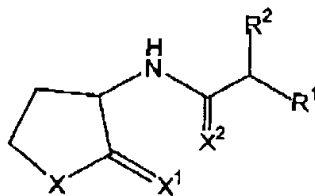
Sir:

In response to the Office Action mailed January 29, 2002, please amend
the application as shown and consider the following remarks.

IN THE CLAIMS:

Please amend claim 1

1. (Amended Thrice) A compound having the structure:



(I)

wherein,

R¹ is a member selected from —H, —OH, and (—O);